

AFCEA, SOUTH FLORIDA CHAPTER

23•AUG•07



Conducting Information Enabled
Joint Warfighting and Supporting Operations

MG Jeff Sorenson


CALL TO DUTY: BOOTS ON THE GROUND
ARMY STRONG





Agenda



 **Complex Operating Environment**

 **Army Initiatives**

 **CIO/G-6 500-Day Plan**

 **Top 6**

 **Conclusion**





What Has Changed

Complex Environment - Persistent Conflict

Globalization

*"Interdependent economies,
Porous Boundaries, Decline
of the Nation-State"*



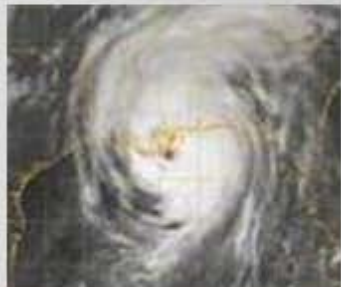
Complexity of Adversary

"Consortia of state and non-state actors"



Respond to Natural Disaster

"Foreign and Domestic"



Technological Advances

"Serious Implications to the Force"



Information Operations

*"Information Revolution...
The Death of Time & Distance"*

60's – 100wpm SATCOM



90's – 192k wpm
Networked Computers



2010 – 1.5 Trillion wpm
Wideband Data Links

National Security

"Country Specific to Global"





Identified Future Force Gaps

1. **Enhanced Soldier Protection**
2. **Modular, Scalable and Tailorable Battle Command and Control**
3. **Enhanced Platform / Group Protection**
4. **Dynamic, Uninterrupted Communications Network**
5. **Sustainment of Modular Forces**
6. **Enhanced Collection, Exploitation and Dissemination**
7. **Strategic Force Projection / Intra-theater Operational Maneuver and Sustainment**
8. **Modular, Tailorable Forces**
9. **Capability for Lethal / Non-Lethal Overmatch**
10. **Ability to Train the Force How and As it Fights**



7 Army Initiatives



1. Accelerate growth and readiness improvements
2. Enhance the quality of support to Soldiers, civilians and families
3. Sustain the momentum of modernization
4. Complete reserve component transition to an operational force
5. Improve leader development to grow leaders for tomorrow's strategic environment
6. Adapt Army institutions to support an expeditionary Army at war
7. Build strategic communication capabilities to effectively communicate with internal and external audiences



500-Day Plan Goals



- ✓ **Develop and maintain** a secure, seamless, interdependent LandWarNet Network
- ✓ **Lead enterprise integration** to achieve decision superiority by transforming **processes, applications and data** into network-centric capabilities across the Army
- ✓ **Protect and defend** the Army's systems, networks, and information
- ✓ **Ensure Army information management and information technology investments** maximize Joint and Army capabilities
- ✓ **Develop the Army's information technology and information management knowledge and skills** to support mission needs
- ✓ **Deliver an integrated enterprise strategy** that influences Joint and Army use of information management and information technology in furthering the warfighting capabilities.



*Each Portfolio Area contains at least three investment areas, covering all CIO's R&D





Top 6



-  **Soldiers**
-  **Technology Integration**
-  **Area Processing Centers/Fixed Regional Hub Nodes**
-  **Network Security**



A silhouette of a soldier in full combat gear, including a helmet and a rifle, stands in a desert landscape. The sun is low on the horizon, creating a bright, hazy orange glow that fills the sky and reflects off the ground. The soldier is positioned on the right side of the frame, facing left.

The Russ Parr Morning Show

**WKYS – 93.9 FM & Nationally
Syndicated Interview with**

SSG Jamie Aparicio

&

1LT Christianna Bagby





No Longer Business As Usual



Pre-9/11

2003

2007...

MSE

WIN-T

CPOF

JNN

JIOC-I/DCGS-A

TACTICOMP

TIGRNET

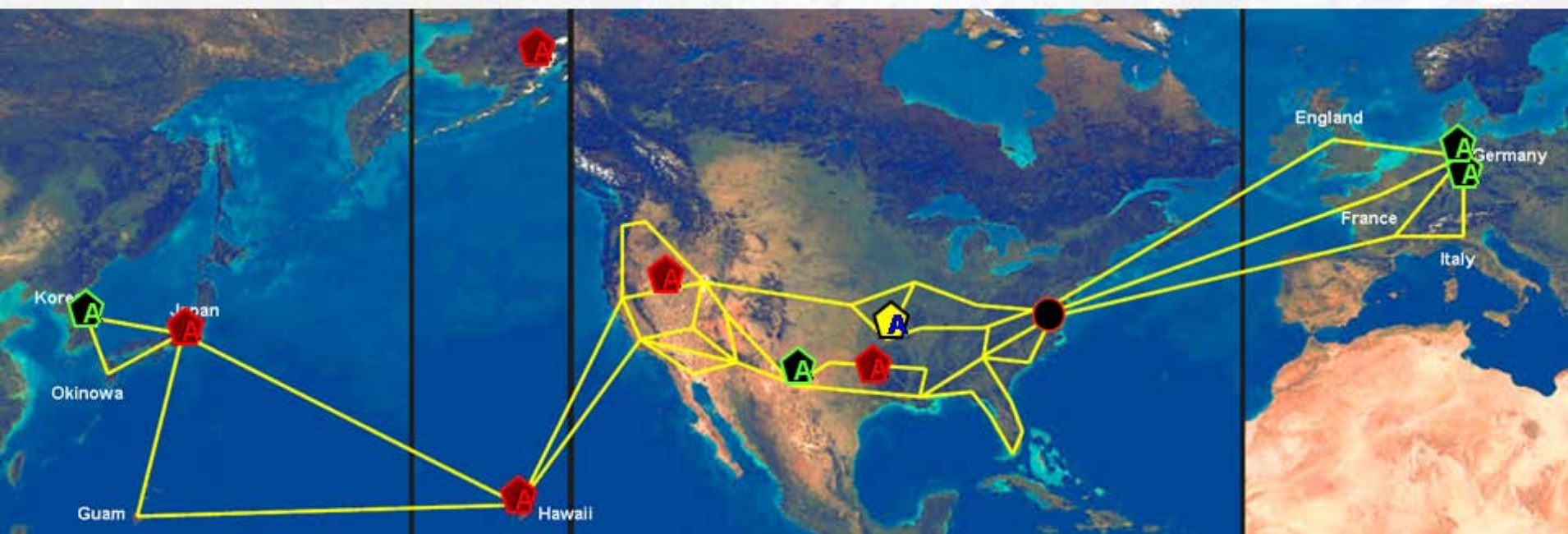
HIDE

etc...

The Army is flat...
...Comms...Intel...SA
User "owned & operated"
at ever quickening pace...

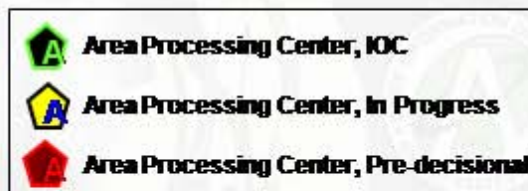
Area Processing Centers

- The purpose of the APC initiative is to improve delivery services:
- Achieve Net-Centric Operations and Warfare Environment
 - Improve IA and Security Posture
 - Reduce Total Cost of Ownership (TCO) for Information Technology



CONUS MILESTONES

- 30 Mar 07 (IOC) – Standup 1st APC (Oklahoma City, OK)
- 30 May 07 (IOC) – Migrate 1st Installation (Rock Island Arsenal, IL)
- 30 Sep 07 (IOC) – Standup 2nd APC (Columbus, OH)
- 31 Oct 07 (IOC) – Migrate 2nd Installation (Fort Riley, KS)
- 30 Dec 07 (IOC) – Migrate 3rd Installation (Fort Huachuca, AZ)





Top 6



- ① Soldiers
- ② Technology Integration
- ③ Area Processing Centers/Fixed Regional Hub Nodes
- ④ Network Security
- ⑤ Cyberwarfare
- ⑥ ABCS ➡ FCS





Internet Security & Data-at-Rest



■ Currently...

- ◆ Policy is in place
- ◆ OMB & GSA Awarded 12 BPA Contracts on 18 June 2007:



- DoDD Policy 8500.2
 - <http://www.dtic.mil/whs/directives/condes>
- Army Regulation AR 25-2
 - <http://www.usapa.army.mil>
- Army Road Warrior Laptop Security BBP (Feb 2006)
 - <https://informationassurance.us.army.mil/bbp>
- CIO/G-6 Memo, 28 Sep 06, Subj: Army Data-At-Rest (DAR) Protection Strategy
- VCSA ALARACT, 271600Z OCT 06, Subj: Army Data-At-Rest (DAR) Protection Strategy
- CIO/G-6 ALARACT 10 Jul 07 Subj Army Data at Rest (DAR) Requirements



■ User-Directed Actions:

- ◆ Immediately Identify Mobile "Stuff"
- ◆ Categorize by "Mobile" vs. "Non-Mobile"
- ◆ Label Appropriately → Then Don't Remove from Secure Area Unless Protected
- ◆ Complete User Personally Identifiable Information (PII) Training
- ◆ DAR Requirements Were Due to ASCP on 10 Aug 2007
- ◆ Secure Funding for DAR Requirements






■ Future Solutions:

- ◆ Do Not Purchase DAR Tools – Prohibition Still in Effect
- ◆ Army's Enterprise Solution – Acquisition in Progress with Expected Award Sept 2007



Take Aways!!!



-  **Posturing for Persistent Conflict!!!**
-  **CIO/G-6 500 Day Plan**
...putting it all together
-  **No Longer Business as Usual**
...Comms/Intel/SA ever quickening pace
-  **APC Initiative to Improve Delivery Services**
...Net-Enabled/IA & Security/Reduce TCO
-  **Internet Security & Data at Rest**
...data-at-rest – is data at risk!



QUESTIONS • THOUGHTS



MG Jeff Sorenson

CALL TO DUTY: BOOTS ON THE GROUND
ARMY STRONG

